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DATE: May 23, 2005
FILE NO: AVAN 001110
TO: Craig, Curtis
FAX NO: (703) 872-9306
PHONE NO:
COMPANY: USPTO
FROM: John C. Carey
PAGE(S) with cover: 12
ORIGINAL TO FOLLOW? ☐ YES ☒ NO

RESPONSE TO OFFICE ACTION DATED FEBRUARY 24, 2005

TITLE: APPARATUS AND SYSTEM FOR A RE-CONFIGURABLE
CHANNEL DROPPING DEMULTIPLEXER
U.S. SERIAL NO.: 10/661,452
FILING DATE: September 12, 2003
INVENTOR: Yongsheng Liu
EXAMINER: Craig, Curtis
GROUP ART UNIT: 2872
CONFIRMATION NO.: 7807

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MAY 23 2005

PATENT
AVAN/001110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Yongsheng Liu

Serial No.: 10/661.452

Confirmation No.: 7807

Filed: September 12, 2003

For: Apparatus and System for a Re-Configurable Channel Dropping Demultiplexer

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Group Art Unit: 2872

Examiner: Curtis, Craig

**Customer No.: 47389**

**MAIL STOP AMENDMENT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Dear Sir,

**CERTIFICATE OF FACSIMILE TRANSMISSION**  
37 CFR 1.8

I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 703.872.9306 to the attention of the named Examiner, on the date below.

5/23/05  
Date

John C. Carey

**RESPONSE TO OFFICE ACTION DATED FEBRUARY 24, 2005**

In response to the Office Action dated February 24, 2005, having a shortened statutory period for response set to expire on May 24, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/001110/JC for any fees including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** begin on page 2 of this paper. **Remarks** begin on page 7 of this paper.